

Converting Colors

$Yxy(92.3721, 0.3989, 0.4681)$

Have a look what the booklet for
Yxy(92.3721, 0.3989, 0.4681)
contains.

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Color

Yxy(92.4699, 0.3988, 0.4682)

Conversions

Conversions Part 1

Format	Color
Hex	FFFD66
RGB	255, 253, 102
RGB Percent	100%, 99%, 40%
CMY	0.0000, 0.0078, 0.6000
CMYK	0.00, 0.01, 0.60, 0.00
HSL	59°, 100%, 70%
HSV	59°, 60%, 100%
XYZ	78.7633, 92.4699, 26.2676
YIQ	236.3840, 49.6630, -46.5370

Conversions

Conversions Part 2

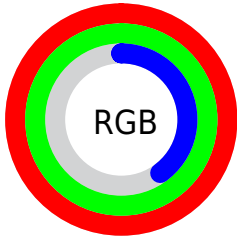
Format	Color
R _Y B	104, 255, 102
Decimal	16776550
CIE Lab	97.01, -17.48, 70.34
CIE LCh	97, 72.484, 103.955
Yxy	92.4699, 0.3988, 0.4682
Android (android.graphics.Color)	4294966630 (0xFFFFFD66)
YUV	236.3840, -66.2513, 16.3262
Hunter-Lab	96.1613, -22.0772, 51.1171

Details

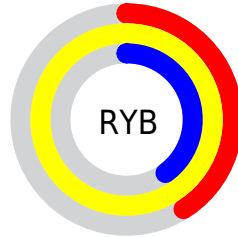
The Yxy color **92.4699, 0.3988, 0.4682** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **19.9448, 0.1959, 0.1372**, and the grayscale version is **84.6827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2486, 0.3700, 0.4238**, and **51.7090, 0.4101, 0.4942** is the 20% darker color. If you saturate the color by 10%, you get **91.8342, 0.4084, 0.4834**, and if you desaturate by 10%, it is **93.2700, 0.3869, 0.4492**.

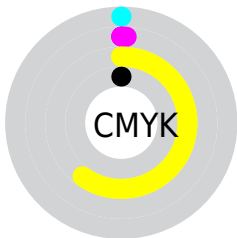
Distribution



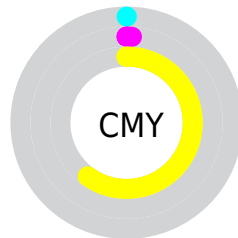
- Red (100%)
- Green (99%)
- Blue (40%)



- Red (41%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4699, 0.3988, 0.4682 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 92.4699, 0.3988, 0.4682 by changing the saturation by 10% instead.


 92.4699, 0.3988,
0.4682

 92.4699, 0.3988,
0.4682


536.0330, 0.3651,
0.4081


 70.0310, 0.4046,
0.4802


 150.7645, 0.3886,
0.4486

 51.5518, 0.4108,
0.4940


 187.3890, 0.3842,
0.4406

 36.6479, 0.4171,
0.5099

 229.5107, 0.3802,
0.4336

 24.9350, 0.4227,
0.5279

 277.5142, 0.3766,
0.4273

 16.0287, 0.4265,
0.5479

331.7838, 0.3733,
0.4217

 9.5444, 0.4281,
0.5719

392.7038, 0.3703,

 5.0980, 0.4139,

0.4167

0.5861

460.6588, 0.3676,
0.4122

■ 2.3049, 0.3908,
0.6092

■ 0.7763, 0.2861,
0.7139

■ 92.4699, 0.3988,
0.4682

■ 92.4699, 0.3988,
0.4682

■ 91.8342, 0.4084,
0.4834

■ 93.2700, 0.3869,
0.4492

■ 91.3354, 0.4153,
0.4942

■ 94.2347, 0.3733,
0.4273

■ 90.9601, 0.4196,
0.5007

■ 95.3798, 0.3585,
0.4033

■ 90.6794, 0.4216,
0.5034

■ 96.7159, 0.3431,
0.3784

 90.6793, 0.4216,
0.5034

 98.2526, 0.3277,
0.3534

99.9989, 0.3127,
0.3290

99.9997, 0.3127,
0.3290

Harmonies

Analogous

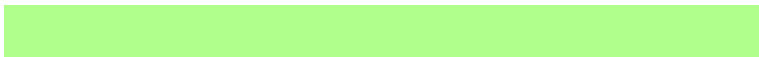
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4699, 0.4542, 0.4235



92.4699, 0.3988, 0.4682



92.4699, 0.3244, 0.4733

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.4699, 0.3988, 0.4682



92.4699, 0.1759, 0.2601



92.4699, 0.3658, 0.2578

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



92.4699, 0.3988, 0.4682



19.9448, 0.1959, 0.1372

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4699, 0.2840, 0.2225



92.4699, 0.3988, 0.4682



92.4699, 0.1837, 0.2192

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4699, 0.3988, 0.4682



92.4699, 0.1982, 0.3329



92.4699, 0.2200, 0.2083



92.4699, 0.4389, 0.3081

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4699, 0.3988, 0.4682



92.4699, 0.2740, 0.4433



92.4699, 0.2200, 0.2083



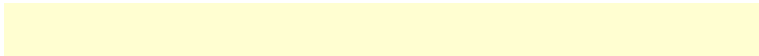
92.4699, 0.3379, 0.2440

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



92.4742, 0.3988, 0.4682



97.0078, 0.3400, 0.3734



31.7742, 0.4996, 0.3272



20.6736, 0.3445, 0.3807



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4742, 0.3988, 0.4682



91.7248, 0.4100, 0.4859



82.3085, 0.3469, 0.4989



21.0477, 0.3269, 0.3522



47.4011, 0.4216, 0.5034



4.6278, 0.4213, 0.5037

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.9448, 0.1959, 0.1372



13.4443, 0.1744, 0.1014



25.9481, 0.2480, 0.1581



17.4156, 0.2978, 0.3047



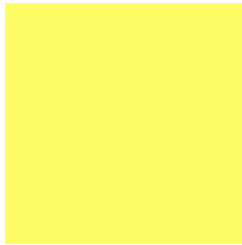
3.8266, 0.1502, 0.0608



0.3853, 0.1507, 0.0626

Previews

White Background



This preview shows how the Yxy color 92.4699, 0.3988, 0.4682 looks on a white background.

Color Contrast Check

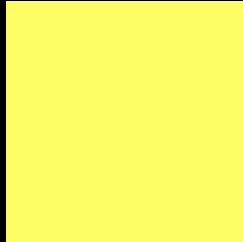
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 92.4699, 0.3988, 0.4682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4699, 0.3988, 0.4682

Background



This preview shows how black text looks on a background with the Yxy color 92.4699, 0.3988, 0.4682.



This preview shows how white text looks on a background with the Yxy color 92.4699, 0.3988, 0.4682.

Color Blindness Simulation

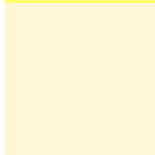
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



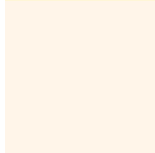
Original Color

92.4699, 0.3988, 0.4682



Protanopia

92.0778, 0.3377, 0.3596



Deuteranopia

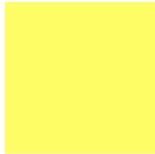
92.4480, 0.3266, 0.3407



Tritanopia

92.2633, 0.3163, 0.3223

Trichromacy



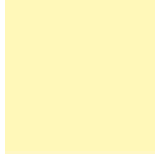
Original Color

92.4699, 0.3988, 0.4682



Protanomaly

92.0674, 0.3625, 0.4033



Deuteranomaly

91.8976, 0.3561, 0.3916



Tritanomaly

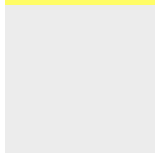
91.7671, 0.3494, 0.3796

Monochromacy



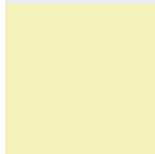
Original Color

92.4699, 0.3988, 0.4682



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

86.1468, 0.3478, 0.3857

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4699, 0.3988, 0.4682 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 253, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 253, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 102) }
```

Border

The CSS property to change the border of an element to Yxy 92.4699, 0.3988, 0.4682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 253, 102) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 253, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 253, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4699, 0.3988, 0.4682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
253, 102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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